

the core material is a hard metal or a hardened metal.

4. (Twice Amended) Method according to claim 5, characterised in that the core material is a ceramic sintered material.

5. (Twice Amended) A method for increasing the wear-resistance of a work piece, comprising connecting the work piece to a core material that cannot be reshaped and which is of a greater hardness than the work-piece material in a form-fitting manner by means of cold-extrusion or hot-extrusion of the work-piece material, wherein the core material has additional shaped elements provided on a peripheral surface of the core material for securing the core material against torsion in the work piece.

7. (Twice Amended) Method according to claim 5, characterised in that the core material tapers towards an outside of the work piece.

8. (Twice Amended) Method according to claim 5, characterised in that a bore in which a displaceable punch connects the work piece to the core material is arranged in an extrusion sleeve liner.

14. (Twice Amended) Method according to claim 5, characterised in that the work piece is a work piece of a valve system for internal combustion engines.